Amendments to the Claims

1. (Currently Amended) A method of ~~identifying~~ controlling downstream processing of Unicode complex text in a print stream, the method comprising:

    receiving the print stream including the Unicode complex text;

    inserting a control parameter in the print stream before the Unicode complex text to modify the print stream, wherein the control parameter comprises:

        a first parameter indicating a type of downstream processing for the Unicode complex text in the print stream; and

        a second parameter for enabling or disabling the downstream processing of the Unicode complex text in the print stream; and

    transmitting the modified print stream for downstream processing.

    ~~if a presentation data stream contains a complex text string, inserting before said complex text string a preselected control in the presentation data stream, wherein the preselected control corresponds to a plurality of parameters for controlling processing of complex text, each parameter represented by a corresponding value in the preselected control, a first parameter having a value indicating a control type for controlling processing of complex text, a second parameter taking one or more values for enabling and disabling the processing of complex text.~~

2. (Cancelled)

3. (Currently Amended) The method of claim [[2]] 1 wherein the first ~~parameter indicates~~ ~~type of processing of complex text comprises~~ bidirectional (bidi) layout processing of the Unicode complex text.

4. (Cancelled)

5. (Currently Amended) The method of claim [[4]] 1 wherein the first parameter indicates ~~second type of processing of complex text comprises glyph~~ layout processing of glyphs within the Unicode complex text.

    (Response to March 4, 2008 Office Action)

6. (Currently Amended) The method of claim 1 wherein the ~~control parameter~~ plurality of parameters further includes a third parameter indicating text positioning at the completion of the processing of the Unicode complex text. ~~, the third parameter taking a value comprising an alternate text position.~~

7. (Currently Amended) A method for processing Unicode complex text in a print stream, the method comprising:

receiving a control parameter in the print stream for processing the Unicode complex text, wherein the control parameter comprises:

a first parameter indicating a type of processing for the Unicode complex text; and

a second parameter indicating if the type of processing is enabled or disabled;

determining if the type of processing is enabled; and

processing the Unicode complex text responsive to the type of processing indicated by the first parameter and the determination if the type of processing is enabled. ~~responsive to a first predetermined type of control in a presentation data stream, wherein the first predetermined type of control includes a first parameter represented by a corresponding value in the first predetermined type of control for controlling a first type of complex text processing:~~

~~determining if a first type of complex text processing is enabled; and~~

~~applying the first type of complex text processing to a complex text string succeeding said first predetermined type of control in the presentation data stream, if the first type of complex text processing is enabled.~~

8. (Currently Amended) The method of claim 7 wherein the first ~~parameter indicates~~ type of complex text processing comprises bidirectional (bidi) layout processing of the Unicode complex text.

9. (Currently Amended) The method of claim 8 wherein the first parameter ~~takes one or more values for enabling and disabling the processing of complex text, and wherein the one or more values for enabling and disabling the processing of complex text includes one or more values for determining~~ indicates a paragraph direction for the bidirectional <u>layout</u> processing of the <u>Unicode</u> complex text.

10. (Cancelled)

11. (Currently Amended) The method of claim [[10]] <u>7</u> wherein the <u>first parameter indicates layout processing of glyphs within the Unicode complex text.</u> ~~second type of complex text processing comprises glyph processing.~~

12. (Cancelled)

13. (Currently Amended) The method of claim 7 wherein the <u>control parameter further includes a third parameter indicating text positioning at the completion of the downstream processing of the Unicode complex text.</u> ~~first predetermined type of control includes a second parameter represented by a corresponding value in the first predetermined type of control for determining an alternate text position, the method including setting a text position using said alternate text position if the first type of complex text processing is enabled.~~

14. (Currently Amended) <u>A computer readable medium embodying programmed instructions</u> <u>that, when executed by a computer, performs a method for controlling downstream processing of</u> <u>Unicode complex text in a print stream, the method comprising:</u>

~~A machine readable computer program product including programming for identifying complex~~ ~~text comprising programming instructions for:~~

> <u>receiving the print stream including the Unicode complex text;</u>

> <u>inserting a control parameter in the print stream before the Unicode complex text to</u> <u>modify the print stream, wherein the control parameter comprises:</u>

>> <u>a first parameter indicating a type of downstream processing for the Unicode</u> <u>complex text in the print stream; and</u>

>> <u>a second parameter for enabling or disabling the downstream processing of the</u> <u>Unicode complex text in the print stream; and</u>

> <u>transmitting the modified print stream for downstream processing.</u>

> ~~if a presentation data stream contains a complex text string, inserting before said complex~~ ~~text string a preselected control in the presentation data stream, wherein the preselected control~~ ~~corresponds to a plurality of parameters for controlling processing of complex text, each~~ ~~parameter represented by a corresponding value in the preselected control, a first parameter~~ ~~having a value indicating a control type for controlling processing of complex text, a second~~ ~~parameter taking one or more values for enabling and disabling the processing of complex text.~~

15. (Cancelled).

16. (Currently Amended) The computer <u>readable medium</u> ~~program product~~ of claim [[15]] <u>14</u> wherein the first <u>parameter indicates</u> ~~type of processing of complex text comprises~~ bidirectional (bidi) <u>layout</u> processing <u>of the Unicode complex text</u>.

17. (Cancelled).

18. (Currently Amended) The computer <u>readable medium</u> ~~program product~~ of claim [[17]] <u>14</u> wherein the <u>first parameter indicates</u> ~~second type of processing of complex text comprises glyph~~ <u>layout</u> processing <u>of glyphs within the Unicode complex text</u>.

(Response to March 4, 2008 Office Action)

19. (Currently Amended) The computer <u>readable medium</u> ~~program product~~ of claim 14 wherein the <u>control parameter</u> ~~plurality of parameters~~ further includes a third parameter <u>indicating text</u> <u>positioning at the completion of the downstream processing of the Unicode complex text.</u> ~~, the~~ ~~third parameter taking a value comprising an alternate text position.~~

20. (Currently Amended) <u>A computer readable medium embodying programmed instructions</u> <u>that, when executed by a computer, performs a method for processing Unicode complex text in a</u> <u>print stream, the method comprising:</u>
~~A machine-readable computer program product including programming for processing complex~~ ~~text comprising programming instructions for:~~

    <u>receiving a control parameter in the print stream for processing the Unicode complex</u> <u>text, wherein the control parameter comprises:</u>

        <u>a first parameter indicating a type of processing for the Unicode complex text;</u> <u>and</u>

        <u>a second parameter indicating if the type of processing is enabled or disabled;</u>
    <u>determining if the type of processing is enabled; and</u>
    <u>processing the Unicode complex text responsive to the type of processing indicated by</u> <u>the first parameter and the determination if the type of processing is enabled.</u>

    ~~responsive to a first predetermined type of control in a presentation data stream, wherein~~ ~~the first predetermined type of control includes a first parameter represented by a corresponding~~ ~~value in the first predetermined type of control for controlling a first type of complex text~~ ~~processing:~~

        ~~determining if a first type of complex text processing is enabled;~~
        ~~applying the first type of complex text processing to a complex text string~~ ~~succeeding said first predetermined type of control in the presentation data stream, if the first~~ ~~type of complex text processing is enabled.~~

21. (Currently Amended) The computer <u>readable medium</u> ~~program product~~ of claim 20 wherein the first <u>parameter indicates</u> ~~type of complex text processing comprises~~ bidirectional (bidi) <u>layout</u> processing <u>of the Unicode complex text</u>.

    (Response to March 4, 2008 Office Action)

22. (Previously Presented) The computer readable medium ~~program product~~ of claim 21 wherein the first parameter ~~takes one or more values for enabling and disabling the processing of complex text, and wherein the one or more values for enabling and disabling the processing of complex text includes one or more values for determining~~ indicates a paragraph direction for the bidirectional layout processing of the Unicode complex text.

23. (Cancelled).

24. (Currently Amended) The computer readable medium ~~program product~~ of claim [[23]] 20 wherein the first parameter indicates layout processing of glyphs within the Unicode complex text. ~~second type of complex text processing comprises glyph processing.~~

25. (Cancelled).

26. (Previously Presented) The computer readable medium ~~program product~~ of claim 20 wherein the control parameter further includes a third parameter indicating text positioning at the completion of processing of the Unicode complex text. ~~first predetermined type of control includes a second parameter represented by a corresponding value in the first predetermined type of control for determining an alternate text position, the programming instructions including instructions for setting a text position using said alternate text position if the first type of complex text processing is enabled.~~

27-39. (Cancelled)

(Response to March 4, 2008 Office Action)